

CLAIMS

add a!

What is claimed is:

1. A surface restoration composition comprising:
 - an organic acid;
 - a metal oxide; and
 - a plasticizer.
2. The surface restoration composition of claim 1 further including a dispersant.
3. The surface restoration composition of claim 1 further comprising a thickener.
4. The surface restoration composition of claim 1 comprising:
 - about 1 to 50 weight percent organic acid;
 - about 1 to 50 weight percent metal oxide; and
 - about 0 to 5 percent plasticizer.
5. The surface restoration composition of claim 1 further comprising water.
6. The surface restoration composition of claim 1 wherein the organic acid is selected from the group consisting of oxalic acid, glyoxylic acid, maleic acid, salicylic acid, tartaric acid, acetic acid and blends thereof.
7. The surface restoration composition of claim 6 wherein the organic acid is oxalic acid.
8. The surface restoration composition of claim 1 wherein the metal oxide is selected from the group consisting of aluminum oxide, titanium oxide, zinc oxide, tin oxide, silicon dioxide, zirconium oxide, manganese oxide and magnesium oxide, and combinations thereof.

9. The surface restoration composition of claim 8 wherein the metal oxide is in particulate form and has a particle size of about 1 nanometer to about 100,000 nanometers.
10. The surface restoration composition of claim 9 wherein the metal oxide is in particulate form and has a particle size of about 10 nanometer to about 100 nanometers.
11. The surface restoration composition of claim 1 wherein the plasticizer is primary and secondary alcohols, primary (saturated and unsaturated) secondary, tertiary and aromatic carboxylic acids, benzoate derivatives, phosphate derivatives and blends thereof.
12. A surface restoration composition comprising about 1 to 50 weight percent organic acid; about 1 to 50 weight percent inorganic metal oxide; and 0 to 5 weight percent plasticizer.
13. A surface restoration composition as in claim 12 further comprising a dispersant.
14. A surface restoration composition as in claim 12 further comprising a thickener.
15. A surface restoration composition as in claim 12 further comprising water.
16. A surface restoration composition comprising an organic acid; inorganic metal oxide particles; and plasticizer, wherein said composition restores a stone surface to a high gloss finish in a non-abrasive manner.
17. A surface restoration composition as in claim 16 comprising about 1 to 50 weight percent organic acid; about 1 to 50 weight percent inorganic metal oxide; and 0 to 5 weight percent plasticizer.

2017-02-22 14:27:29

18. A method of restoring a stone surface comprising applying a composition to the surface and buffing the composition to dryness to achieve a desired level of gloss on the stone surface.

19. A method of restoring a stone surface as in claim 18 wherein said composition includes an organic acid, a metal oxide, and a plasticizer.

20. A method of restoring a stone surface as in claim 19 wherein said composition includes about 1 to 50 weight percent organic acid; about 1 to 50 weight percent inorganic metal oxide; and 0 to 5 weight percent plasticizer.

RECORDED IN U.S. PATENT AND TRADEMARK OFFICE